

ECONOMETRICS TOOLS FOR SOCIAL SCIENCE RESEARCH

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ABSTRACT

Econometrics as a separate discipline has proved itself as a dominant method for its applicability in the researches of social science mainly. It has been evident of providing accurate and efficient results for the researchers. Econometrics literally means economic measurement. It generally takes the help of mathematics and statistics to prove the economic theories and support the economic model to answer the questions of the researchers. The study undertaken by the researcher studies about the sectoral impact of FDI using the econometric tools like Vector Auto Regression and Granger Causality Test. The econometric techniques are usually used for the quantification of the economic relationships.

KEYWORDS: *Econometrics, Applicability, Statistics, Economic Model.*

REFERENCES:

1. Stock HJ, Watson WM. Introduction to Econometrics. 3rd edition, Pearson Publication.
 2. Gujarati ND, Porter CD, Gunasekar S. Basic Econometrics. 5th edition, Mcgrawhill Publication. 1984.
 3. Walters AA. An Introduction to Econometrics. Macmillan, London; 1968.
 4. Davey AM, Flores BE. Identification of Seasonality in Time Series: A Note. Department of Business Analysis and Research, U.S.A. 1993.
 5. Harvey AC. The Econometric Analysis of Time Series. Oxford, U.S.A.; 1981.
 6. Nwogu EN, Iwueze IS, Nlebedim VU. Some Test for Seasonality in Time Series Data. Journal of Modern Applied Statistical Methods, 2016;15(2):382-399.
 7. Box GEP. et.al. Time Series Analysis: Forecasting and Control. Prentice Hall. 1994.
 8. Baltagi HB. Econometrics. 2nd edition, Springer Publication; 2011.
 9. Theil H. Principles of Econometrics. New York; 1971. p.1
 10. Aris S. Probability Theory and Statistical Inference: Econometric Modeling with Observational Data, United Kingdom; 1999.
 11. Clive W, Granger J. Empirical Modeling in Economics. United Kingdom; 1999. p58.
 12. Mills TC. Times Series Techniques for Economists. Cambridge University Press; 1990.
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13. Johnston J. Econometric Methods. 3rd edition, Mc-Graw Hill, New York. 1984.